

Title (en)

LUMINESCENT PARTICLES, METHODS AND LIGHT EMITTING DEVICES INCLUDING THE SAME

Title (de)

LUMINESZIERENDE PARTIKEL, VERFAHREN UND SELBIGE ENTHALTENDE LICHEMITTIERENDE VORRICHTUNGEN

Title (fr)

PARTICULES LUMINESCENTES, PROCÉDÉS ET DISPOSITIFS ÉLECTROLUMINESCENTS EN CONTENANT

Publication

EP 2430113 B1 20180103 (EN)

Application

EP 10722231 A 20100514

Priority

- US 2010034835 W 20100514
- US 46678209 A 20090515

Abstract (en)

[origin: US2010289045A1] A luminescent particle includes an interior portion of the luminescent particle comprising a luminescent compound that reacts with atmospherically present components and a passivating layer on an outer surface of the luminescent particle that is operable to inhibit the reaction between the luminescent compound and the atmospherically present components.

IPC 8 full level

C09K 11/02 (2006.01); **C04B 35/584** (2006.01); **C04B 35/597** (2006.01); **C04B 35/626** (2006.01); **C09K 11/08** (2006.01); **C09K 11/59** (2006.01); **C09K 11/77** (2006.01)

CPC (source: EP KR US)

C04B 35/584 (2013.01 - EP KR US); **C04B 35/597** (2013.01 - EP KR US); **C04B 35/626** (2013.01 - KR); **C09K 11/02** (2013.01 - KR); **C09K 11/025** (2013.01 - EP KR US); **C09K 11/08** (2013.01 - KR); **C09K 11/0883** (2013.01 - EP KR US); **C09K 11/59** (2013.01 - EP KR US); **C09K 11/77** (2013.01 - EP US); **C09K 11/77068** (2021.01 - EP KR US); **C04B 2235/3224** (2013.01 - EP US); **C04B 2235/3225** (2013.01 - EP KR US); **C04B 2235/3229** (2013.01 - EP KR US); **C04B 2235/3852** (2013.01 - EP US); **C04B 2235/3865** (2013.01 - EP KR US); **Y10T 428/2991** (2015.01 - US); **Y10T 428/2993** (2015.01 - US)

Cited by

EP3521400A1; EP3425022A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

US 2010289045 A1 20101118; **US 8287759 B2 20121016**; CN 102459504 A 20120516; CN 102459504 B 20151125; EP 2430113 A1 20120321; EP 2430113 B1 20180103; JP 2012526910 A 20121101; JP 5512801 B2 20140604; KR 101761932 B1 20170726; KR 20120013411 A 20120214; US 2013001470 A1 20130103; US 8608979 B2 20131217; WO 2010132732 A1 20101118

DOCDB simple family (application)

US 46678209 A 20090515; CN 201080032353 A 20100514; EP 10722231 A 20100514; JP 2012511033 A 20100514; KR 20117028313 A 20100514; US 2010034835 W 20100514; US 201213611719 A 20120912